Maine Weekly Influenza Surveillance Report
January 10, 2017

For MMWR week 1 (ending 1/7/2017)

New This Week

- Federal Flu Code: Regional
- Three new hospitalizations reported

Surveillance Information – Maine, 2016-2017 Influenza Season

- Number of ILINet Providers reporting: 22
  - % of visits for Influenza-Like Illness (ILI): 1.15
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 1.4
  - % of Emergency Medical Services (EMS) runs for ILI: 1.5
- Number of Hospitals reporting: 2
  - % of admissions due to Pneumonia & Influenza (P&I): 3.2
- Electronic Death Reporting System
  - % of deaths due to P&I: no data

Outpatient Visits for ILI – Maine, 2015-17

Syndromic Surveillance data for ILI – Maine, 2015 -17

Hospital Admissions Due to P&I – Maine, 2015-17

Deaths Attributable to P&I – Maine, 2015-17

All data is preliminary and subject to change
Lab Data – Maine, 2016-2017 Influenza Season

- # of samples tested at HETL: 14
  - # positive: 10
  - % positive: 71.4
- # of samples tested at Maine Reference Labs: 103
  - # positive: 14
  - % positive: 13.6
- # of samples positive by rapid antigen test: 13

Positive PCR Samples for Influenza, HETL – Maine, 2016-17

Positive Samples for Influenza, Maine Reference Labs – Maine, 2016-17

Positive Influenza Rapid Antigen Tests – Maine, 2016-17

Cumulative Influenza Positive Tests Reported to Maine CDC by Strain and Test Type

All data is preliminary and subject to change
Geographic Distribution of Lab Tests, Maine 2016-17*

<table>
<thead>
<tr>
<th>County</th>
<th>Positive labs</th>
<th>Hospitalizations</th>
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<tbody>
<tr>
<td></td>
<td>Tested this week</td>
<td>New this week</td>
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<tr>
<td></td>
<td>Total</td>
<td>Total</td>
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<td>Aroostook</td>
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<tr>
<td>Cumberland</td>
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<td>Knox</td>
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<td>Oxford</td>
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<td>Penobscot</td>
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<td>Sagadahoc</td>
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<td>Waldo</td>
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<td>York</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>33</strong></td>
<td><strong>128</strong></td>
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*Only reported PCR, culture, and rapid antigen tests are included in the chart and map. For more information, see the methods page on http://www.maine.gov/dhhs/mecdc/infectious-disease/epi/influenza/influenza-surveillance-weekly-updates.shtml

Antiviral Resistance – Maine, 2016-17 Influenza Season

- # of Influenza A (pH1N1) samples tested for Tamiflu resistance at HETL: 0
  - # with resistance: 0
- # of Influenza A (H3) samples tested for Tamiflu resistance at HETL: 14
  - # with resistance: 0

Age and Gender Information – Maine, 2016-17 Influenza Season

- Minimum Age: 9 months
- Mean Age: 44 years
- Maximum Age: 98 years
- Hospitalized Minimum Age: 20 years
- Hospitalized Mean Age: 68 years
- Hospitalized Maximum Age: 90 years

All data is preliminary and subject to change.
Antigenic Characterization (Vaccine Match)
- Federal CDC has antigenically characterized 173 influenza viruses since October 1, 2016
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 96.8% of influenza A/H3 samples match the vaccine strain
  - 96.4% of influenza B/Victoria samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain

Influenza-Like Illness Outbreaks – Maine, 2016-17 Influenza Season
- # new outbreaks: 0
- Total outbreaks 2016-17 season: 1

Influenza-Like Illness Outbreaks by Facility Type – Maine, 2016-17

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<thead>
<tr>
<th>Facility Type</th>
<th>Androscoggin</th>
<th>Aroostook</th>
<th>Cumberland</th>
<th>Franklin</th>
<th>Hancock</th>
<th>Kennebec</th>
<th>Knox</th>
<th>Lincoln</th>
<th>Oxford</th>
<th>Penobscot</th>
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Outbreak Facility Type Key:
- LTC - Long Term Care Facility
- AC - Acute Care Facility (nosocomial)
- K12 - School (K-12) or daycare
- Univ - School (residential) or University
- HCW - Health care workers
- Inst - Other institutions (workplaces, correctional facilities etc)
- Camp - Camp

All data is preliminary and subject to change

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported during the 2016-17 influenza season
National Influenza Surveillance Data
Source: [http://www.cdc.gov/flu/weekly/](http://www.cdc.gov/flu/weekly/)

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